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178985

From: Basi, Nirmal
Sent: Wednesday, February 08, 2006 10:46 AM
To: STIC-Biotech/ChemLib
Subject: sequence search for App. #: 10/088,726

Examiner: Nirmal S. Basi
Art Unit 1646
Office: Remsen Building, Room 4D68
Mail Room: Remsen Building, room 4C70

CRFE

Sequence search:

App. #: 10/088,726
Result format: Paper.

Title: **NOVEL GUANOSINE TRIPHOSPHATE-BINDING PROTEIN-COUPLED RECEPTORS, GENES THEREOF AND PRODUCTION AND USE OF THE SAME**

Inventors: Matsumoto et al

Priority Date: 12/28/2000
Please search:
i) SEQ ID NO:20 and 25

Search issued, commercial and interference databases.

Thanks,
Nirmal S. Basi

Searcher: Da
Searcher Phone: 22504
Date Searcher Picked up: 2/13/06
Date completed: 2/15/06
Searcher Prep Time: 18
Online Time: 15

Type of Search
NA# ✓ AA# ✓
S/L: Oligomer:
Encode/Transl:
Structure #: Text:
Inventor: Litigation:

Vendors and cost where applicable
STN:
DIALOG:
QUESTEL/ORBIT:
LEXIS/NEXIS:
SEQUENCE SYSTEM: ✓
WWW/Internet:
Other (Specify):

Db 1095 ATCAACATGCGCTACAGATTACCGCGCGCTGCGCACTGCTACAGTTGCTTGAACCC 1154
Qy 878 GTCTCTACTTTCTTTCAGG 898
Db 1155 GTGCTTACTTCTGCGTGG 1175

RESULT 3

US-08-442-134A-1
Sequence ID: 889642134A
Patent No. 5596089

GENERAL INFORMATION:

APPLICANT: Boucher, Richard C.
APPLICANT: Weisman, Gary A.
APPLICANT: Turner, John T.
APPLICANT: Harden, Thomas K.
APPLICANT: Parr, Claude B.
APPLICANT: Sullivan, Daniel M.
APPLICANT: Erb, Laura
APPLICANT: Lustig, Kevin D.
TITLE OF INVENTION: DNA Encoding the Human P2U Receptor and
TITLE OF INVENTION: Null Cells Expressing P2U Receptors
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESS: Bell, Seltzer, Park & Gibson
STREET: Post Office Drawer 34009
CITY: Charlotte
STATE: No. 5596089th Carolina
COUNTRY: USA
ZIP: 28234

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/442,134A
FILING DATE: 16-MAY-1995
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5470-71A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-420-2200
TELEFAX: 919-881-3175

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:
LENGTH: 1842 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 57..1181
US-08-442-134A-1

Query Match 20.5%; Score 205.4; DB 2; Length 1842;
Best Local Similarity 56.4%; Pred. No. 5e-45;
Matches 486; Conservative 0; Mismatches 361; Indels 14; Gaps 5;

Qy 43 TGCCAGTTCTCAGAGAGTACAGAGCTTCTCCCTGCGCTACAGTATCATCTTT 102
Db 129 TGCCGCTTCAACGAGAGCTTCAAGTACGCTGCTGCTGCTTCTTACGCGCTGCTG 188
Qy 103 ATCTGAGGCTGCGCACTAATGCGACTGCTTGTGCGCACTTCTGCGGCGCAACCAAGCGC 162
Db 189 GTGCTTGAGCTGTGTCTGTAAGCGCTGCGCTCTACATCTTCTTGTGCGCGCTCAAGACC 248
Qy 163 TGAAGCTGTGCGACCACTATCTGTGTAAGCTGATGTGCGCGAGCACTGTTATGTGCTA 222
Db 249 TGAATGCGTCAACACATATATGTTCACCTGCGCTGTGTGTGATGACACTGTATCGCGCC 308

Qy 223 T---TCCCTCTCTATCATCATCTTCTCTATGATGACAGTGGCCCTTCCGGAGCTG 279
Db 309 TCCCTCCGCTGTGTGTATTAATTAATGCGCGCGGAGACCACTGGCCCTTACAGACGCTG 368
Qy 289 TCCCTCCGCTGTGTGTATTAATTAATGCGCGCGGAGACCACTGGCCCTTACAGACGCTG 339
Db 361 TCCCTCCGCTGTGTGTATTAATTAATGCGCGCGGAGACCACTGGCCCTTACAGACGCTG 428
Qy 340 ACCGTGATCTCTGTGACAGAGTCTCTAGTGTGTGACCACTGTGTGTGCTGCTTAC 399
Db 429 ACCGTGATCTCTGTGACAGAGTCTCTAGTGTGTGACCACTGTGTGTGCTGCTTAC 488
Qy 400 CGACCCGAGAGATGCTGTGTGTGACCACTGTGTGTGCTGCTTAC 459
Db 489 GCGCGGCGCTGTGTGTGTGACCACTGTGTGTGCTGCTTAC 545
Qy 460 CTGTGCGCACTGTGTGTGTGACCACTGTGTGTGCTGCTTAC 519
Db 546 TGCAGGCGCGCTGTGTGTGTGACCACTGTGTGTGCTGCTTAC 605
Qy 520 GACATGACAGCAAGATTTGATGCGCTTGTGTGTGCTGCTTAC 579
Db 606 GACATGACAGCAAGATTTGATGCGCTTGTGTGTGCTGCTTAC 665
Qy 580 TCTGCGCT--TCTTCCCTCTGTGTGTGTGCTTGTGTGTGCTTAC 637
Db 666 CTGCTCTTGT 725
Qy 638 CTGATCAAGCAAGAGAGACCTTATGAGACAGGCAACAGCCGAGCGAGCTTATC 697
Db 726 CTGATCAAGCAAGAGAGACCTTATGAGACAGGCAACAGCGCAAGCTGCTG 785
Qy 698 CGAGCATCTCTGT 757
Db 786 CGACCATCTGT 845
Qy 758 CGCT 817
Db 846 CGACCATCT 902
Qy 818 GCCAGTGTGCGCTTACAGATGAGAGCTTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 877
Db 903 ATCAACATGCGCTTACAGAGT--TACCGCGCTGCGCAAGTCAAGTGTGCTTGAACCC 959
Qy 878 GTCTCTACTTTCTTTCAGG 898
Db 960 GTGCTTACTTCTGCGTGG 980

RESULT 4

US-08-444-581B-1
Sequence 1, Application US/08444581B
Patent No. 5607836

GENERAL INFORMATION:

APPLICANT: Boucher, Richard C.
APPLICANT: Weisman, Gary A.
APPLICANT: Turner, John T.
APPLICANT: Harden, Thomas K.
APPLICANT: Parr, Claude B.
APPLICANT: Sullivan, Daniel M.
APPLICANT: Erb, Laura

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